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Nutripharma

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Certificate of Analysis

Product Name	Red Clover Extract	Part Used	Air Herb
Latin Name	Trifolium Pratense L.	Manufacture Date	Mar.06,2021
Batch No.	KS-20210306	Analysis Date	Mar.07,2021
Extraction solvent	Ethanol & Water	Expiry Date	Mar.05,2023
Items	Test Method	Specifications	Results
Appearance	GB 5492	Black green or black powder	Complies
Odor	GB 5492	Good odor	Complies
Taste	GB 5492	Light bitter taste	Complies
Particle Size	CP2010	100% pass through 80 mesh sieve	Complies
Bulk Density	GB 5492	Report data	0.74g/ml
Tapped Density	GB 5492	Report data	1.08g/ml
Loss on drying	CP2010	≤5.0%	3.10%
Sulphated Ash	CP2010	≤10.0%	0.8%
Isoflavones	HPLC	≥8%	10.21%
B Formononetin	HPLC	Report data	6.02%
A Biochanin A	HPLC	Report data	1.65%
Ononin	HPLC	Report data	0.12%
Sissotrin	HPLC	Report data	0.02%
Daidzein	HPLC	Report data	1.47%
Genistein	HPLC	Report data	1.07%
Heavy metals	CP2010	≤20ppm	Complies
Lead	CP2010	≤3ppm	Complies
Arsenic	CP2010	≤2ppm	Complies
Cadmium	CP2010	≤1ppm	Complies
Mercury	CP2010	≤0.1ppm	Complies
α-benzopyrene	HPLC	≤10ppb	Complies
Microbiological control			
Total plate count	CP2010	≤10,000cfu/g	10cfu/g
Yeast & mold	CP2010	≤100cfu/g	<10cfu/g
Escherichia coli	CP2010	Absent/10g	Complies
Salmonella	CP2010	Absent/25g	Complies
Non-Irradiation Statement	This ingredient is not treated by irradiation and ETO		
Storage	Store in cool & dry place, keep away from strong light and heat.		
Shelf life	24 months when properly stored.		
QC	Qu Jiaojiao	QA	Li Yaqiang